

Resource Justification:

We are requesting 100 m.medium instances with 6 cores, 16 GB RAM, and 130 GB VM space each for each instructor and participant for ~2 weeks, including some “hot spares” and backup machines for if start-up doesn’t work for new tutorials. The total request is for 230,400 service units (6 cores * 24 hrs/day * 16 days * 100 instances). To help accommodate any potentially large size data files, an additional 100 GB of storage volumes are requested for each instance. Persistent storage beyond the end of the course (30-July-2022) is not required.

These calculations are based on running a similarly sized course for many previous years. And the last time we ran this course, summer of 2019, we were fortunate enough to receive the computational support from you folks at XSEDE and Jetstream, and it made things run smoother than ever!

Resources: IU/TACC (Jetstream)